

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 August 2005 (04.08.2005)

PCT

(10) International Publication Number
WO 2005/070537 A1

(51) International Patent Classification⁷: B01J 23/72,
37/08, C07C 29/154, B01J 23/745, 23/89

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(21) International Application Number:
PCT/NL2004/000051

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, IJ, IM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(22) International Filing Date: 21 January 2004 (21.01.2004)

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, IJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IL, LU, MC, NL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BI, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, ID, TG).

(25) Filing Language: English

Published:

(26) Publication Language: English

— with international search report

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette

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WO 2005/070537 A1

(54) Title: CHROMIUM-FREE CATALYSIS OF METALLIC CU AND AT LEAST ONE SECOND METAL

(57) Abstract: Described is a method for the preparation of a chromium-free catalyst comprising Cu and at least one second metal in metallic or oxidic form, comprising the steps of a) preparing a final solution comprising ions of Cu and of at least one second metal, said final solution additionally comprising ions of a complexing agent and having a pH of above 5; b) contacting said final solution with inert carrier to form a final solution/carrier combination; c) optionally, drying the final solution/carrier combination; d) calcining the final solution/carrier combination obtained in step c) or d) to yield Cu and the at least one second metal in oxidic form; and e) reducing at least part of the thus obtained oxidic Cu on the carrier. Further, a catalyst obtainable by the said method as well as uses thereof are described.